

WISCONSIN WILDCARDS



WILDFIRE PREVENTERS

TRACTOR-PLOW UNIT

JOB

Suppresses wildland fires in Wisconsin, especially larger fires or smaller intense fires in hard-to-get-to places.

- Back mounted plow creates a mineral soil firebreak 6-feet wide
- Firebreaks (or furrows) contain the fire and prevent disasters
- Front blade buries burning debris, constructs roads, and creates firelines
- Carries 150 gallons of water for driver protection and suppressing small fires

FUN FACT

Over 98% of all wildfires in Wisconsin are caused by **people!** Lightning is the cause of the other 2%.

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire

Wisconsin needs **your** help in preventing wildfires!

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WILDFIRE PREVENTERS



TYPE 4 (3-TON PUMPER/TANKER) ENGINE

JOB

Suppresses wildland fires in Wisconsin, especially larger fires or smaller intense fires in hard-to-get-to places.

- Hauls the tractor-plow unit on a tilt bed trailer
- Carries 850 gallons of water
- Uses a pump to apply and draft water from other sources (i.e. lakes, rivers, and swimming pools)
- Can spray class A foam, which prevents water from evaporating quickly. The Type 4 engine is also used for structural protection

FUN FACT

Did you know, class A foam is made of the same ingredients as liquid dish washing soap?

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire

Consider alternatives to burning...compost, chip or shred instead!

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TYPE 7X (4X4 INITIAL ATTACK) ENGINE

JOB

Patrols and is responsible for initial attack suppression of wildland fires in Wisconsin.

- Primary source of transportation for Forester and Forester Rangers
- Has 4-wheel drive capabilities
- Carries 150 gallons of water
- Pumps, drafts, and applies water or foam

FUN FACT

Structural fire department trucks are typically bright red in color and DNR wildland fire suppression trucks are bright yellow. Why? The yellow trucks are easier to see in the woods!

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire

Make sure your home's address or fire number is easily visible from the road, so your local fire protection agency can find you!

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WILDFIRE PREVENTERS

MARSH RIG – MUSKEG LOW GROUND UNIT

JOB

Fights wildland fires in wet-ground situations and extracts other stuck firefighting vehicles.

- Outfitted with 260-gallon water tank, pump, hosereel, winch and class A foam system
- Has a powerful 3-speed transmission and 4-cylinder diesel engine and tops out at 16 mph
- The tracks supporting the rig are constructed of rubber with steel cross links for grip and durability

FUN FACT

A 'forest fire' is any uncontrolled fire occurring on forest, marsh, or grassland outside the city limits of incorporated villages or cities.

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire

Remember...Burning permits may be required where you live!

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SINGLE ENGINE AIR TANKER (S.E.A.T.)

JOB

Fights wildland fires from the air and slows the fire until ground units arrive on scene.

- Holds 550 gallons of foam, water or retardant
- Can drop its water mixture to cover 100-feet-wide by 400-feet-long
- Tops out at 120 mph with its 58-foot wingspan
- DNR contracts out for SEATs in the spring through private companies and are pre-positioned according to fire severity

FUN FACT

There are still nearly 100 fire lookout towers throughout Wisconsin used for smoke detection!

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire

Wisconsin's best firefighting equipment can't prevent wildfires.

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FIRE DEPARTMENT TRUCK

JOB

Fights structural fires and assists the DNR in wildland fire suppression.

- Primary responsibility is for initial attack and structural protection
- Carries 400 gallons of water and pumps 1,000 gallons per minute
- Minimum of 1,200 feet of hose (2½") and several ladders

FUN FACT

Keeping your roof and gutters clean from leaves, brush, and pine needles could actually save your home from being destroyed by a wildfire!

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire

To report a fire, call 911, your nearest DNR office or local fire department.

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WILDFIRE PREVENTERS



FORESTER & FORESTER RANGER

JOB

Protects and enhances the state's forests through sustainable forest management and fire control duties.

- Provides forestry assistance to public and private landowners
- Assists in timber sales and forest management cuttings
- Administers the Forest Tax Law program
- Practices fire management through suppression and pre-fire planning
- Promotes fire prevention through education and awareness

FUN FACT

The DNR has 57 Ranger Stations that are equipped with firefighting vehicles, equipment, and staff to support wildland fire prevention in Wisconsin.

CHECK OUT

www.dnr.state.wi.us/employment/

Consult a DNR Forester/Ranger or local fire department before you decide to do **any** outdoor burning.

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WILDFIRE PREVENTERS



FORESTRY TECHNICIAN

JOB

Provides forest management and fire suppression assistance to Foresters and Forester Rangers.

- Incorporates integrated forest management practices
- Maps woodlands, determines timber volumes, marks timber for harvest
- Guides and assists private landowners during planting operations
- Provides technical service related to Forest Tax Law administration
- Assists in wildfire suppression, pre-suppression, and prevention
- Operates, repairs, and maintains fire equipment

FUN FACT

Wisconsin's fire season typically runs in the spring, just after the snow cover disappears and vegetation is **dry!**

CHECK OUT

www.dnr.state.wi.us/employment/ or
wiscjobs.state.wi.us/public/

Remember, your fire is **your** responsibility.

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WILDFIRE PREVENTERS



PRESCRIBED FIRE

JOB

Serves as an efficient and effective tool in land management and wildfire hazard reduction.

- Always planned under specified conditions
- Reduces fuels and prevents destructive wildfires
- Creates more diverse habitats for wildlife
- Special burning permits are issued by DNR or local fire departments

FUN FACT

Smokey's phrase, "Only You Can Prevent Forest Fires" changed to "Only You Can Prevent **Wildfires**" to clarify the difference between controlled fires (prescribed) and the uncontrolled-unwanted fires (wildfires).

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire

Don't let your poorly planned and poorly conducted prescribed fire become a wildfire disaster!

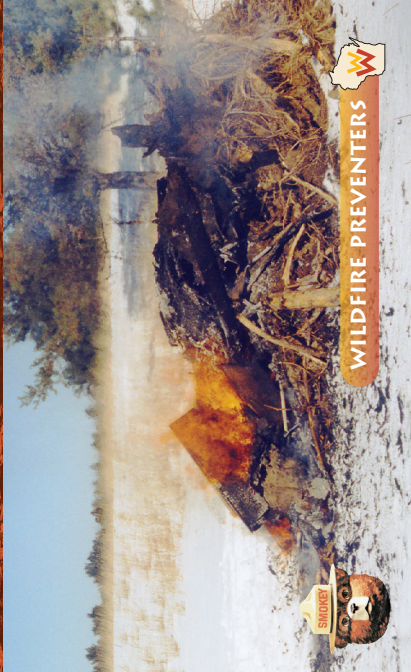
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WILDFIRE PREVENTERS



DEBRIS BURNING

JOB

With proper permits, eliminates unwanted small amounts of dry leaves, plant clippings, brush, paper, and clean, untreated-unpainted wood.

- Consider alternatives to burning, such as recycling or composting
- Check with local fire officials in your area **before** burning
- If you decide to burn, burn when the ground is completely snow-covered
- Comply with all forest fire laws and regulations

FUN FACT

'Debris fires' account for nearly one-third of the average annual 5,000 acres burned every year in Wisconsin!

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire

Wisconsin needs your help in preventing wildfires!

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WILDFIRE PREVENTERS



WILDLAND URBAN INTERFACE

ISSUE

Areas of potential wildfire loss where the wildland (forest) changes to the urban (structural) setting. Become 'Firewise':

- Create a 'defensible space' by removing all dead vegetation within 30 feet of all buildings.
- Keep roofs and eaves free of needles, leaves, and overhanging branches
- Make sure your home's address or fire number is visible from the road
- Widen driveways for fire department access

FUN FACT

Some plants have fire-resistive qualities that may slow the spread of a wildfire near your home!

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire or
www.firewise.org

Keep your home and property safe from wildfire.

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CAMPFIRES

JOB

A small controlled fire used for cooking or warming by burning clean dry wood. Burning debris (garbage, leaves and brush) is **not** a campfire and may result in a citation!

Be safe with your campfire:

- Maintain a 3-foot clearing down to mineral soil and surround by rocks or a fire pit
- Keep plenty of water and a shovel handy
- Make sure your fire is dead out and cold before you leave!

FUN FACT

Campfires **solely** used for cooking or warming do **not** require a burning permit!

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire

Bring marshmallows, but don't let your campfire turn into a wildfire.

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SMOKEY BEAR

JOB

Serves as the living symbol of wildfire prevention and education around the country.

Wildfire prevention attempts to reduce the damage from wildfire through education, engineering, and enforcement. Smokey's job is education and public awareness and he has been teaching all ages since August 9, 1944, when a real bear cub was saved from a wildfire in New Mexico.

FUN FACT

Smokey's official name is actually "Smokey Bear," not "Smokey **the** Bear." The article 'the' arrived after a song was written and an extra syllable was needed!

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire or
www.smokeybear.com

Remember, Smokey needs **your** help in preventing wildfires!

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FORESTRY DIVISION



WILDFIRE PREVENTERS

FIREFIGHTING EQUIPMENT

JOB

Designed to effectively protect and assist Wisconsin DNR staff when suppressing wildland fires.

CAPABILITY

Wildland firefighters wear different protective clothing than structural firefighters who wear turnout gear. Wildland firefighters wear lightweight Nomex (fire resistant) clothing along with leather gloves and boots. This allows firefighters to be more mobile while carrying a 5-gallon backcan, pulaski, and fire shelter.

FUN FACT

Nomex material is fire-resistant, **not** fire-proof. This means the clothing will not catch on fire and spread, but a flying ember **may** burn a hole in your shirt!

CHECK OUT

www.dnr.state.wi.us/org/land/forestry/fire

You can help protect Wisconsin's valuable resources.